

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: June 1, 2006

Inspector: Ann Schwenzer, Don Ukers

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: Between 0.45-0.57" of rain was recorded on 6/1 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	- Hoyts Hill: Access is gained off Hoyts Hill Road. Sediment tracking was not observed on the roadway. 6/1/06.	-None at this time. Active work was not occurring and the area remains well contained. 6/1/06.	-N/A.
	- Archers Lane: Water levels at the wetland crossings on the access road to the ROW remain below problem levels. 6/1/06.	-Crossings are in good shape but several spots along the silt fence in the ROW access road need attention. This includes the 1 st wetland. See other sections 6/1/06.	-Needs attention
	-Slopes remain disturbed along the access road where 345kV trenching occurred. 4/26-6/1/06	-The area should be restored after vault access and work here is complete. 5/4-6/1/06	- Needs attention when work is complete
	- Silt fence was installed near the stone wall along the access drive where some run-off had been seeping through. 5/25-6/1/06	- None at this time. Silt fence was well in place. 6/1/06	- N/A
	- Norwalk Junction: Sediment tracking did not appear to be an issue at this time but 345kV work had returned to the area. 5/25-6/1/06.	-Continue to monitor Rt. 7 at the main access pad. 6/1/06.	-N/A

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Foundation construction	<p>- At Hoyts Hill: 345kV XLPE work returned to the base of the slope at Rt 58. 6/1/06.</p> <p>- Active work on the pad was complete for the time and structures were in place. 5/17-6/1/06</p> <p>-At Archers Lane, structure and foundation work continues within the station pad. Several areas of scaffolding are also being installed. 6/1/06</p> <p>-At Norwalk Junction: Work continues on the forms, foundations, and structure installations in the station pad. 3/15-6/1/06.</p> <p>- The adjacent storage center built an earthen/fabric berm along the silt fence adjacent to the site. 5/25-6/1/06</p>	<p>-None at this time 6/1/06.</p> <p>- None at this time. See erosion control section. 5/17-6/1/06</p> <p>- None at this time. The area is contained. 6/1/06</p> <p>- None at this time, the area is contained. See erosion control section for more information. 6/1/06.</p> <p>- This is not project related/jurisdictional or covered under the permit held by NU. 5/25-6/1/06</p>	<p>-N/A</p> <p>- N/A</p> <p>-N/A</p> <p>- N/A</p> <p>- N/A – not project jurisdictional</p>
Erosion and Sediment Controls	<p>-Hoyts Hill: The perimeter silt fence along the wetlands at the rear of the station remains in good shape. 4/6-6/1/06.</p> <p>-The northern slope was in good shape and the southern slope had been restored but there are further indications the gully was returning. 5/17-6/1/06.</p> <p>- Archers Lane: Sediment removal efforts are still needed at the 1st wetland as accumulation increased with recent</p>	<p>-Monitor and maintain the fence as necessary. 4/6-6/1/06 Vegetation is growing very well in the adjacent wetland 6/1/06</p> <p>-Continue to monitor for stabilization along this slope. If grass cannot stabilize quickly, further work will be needed here. 5/25-6/1/06.</p> <p>-Any easily accessible deposits of sediment need to be removed. (Some are over 6”) Fine layers of silt can remain. Controls</p>	<p>- N/A</p> <p>- Needs monitoring</p> <p>- Still needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Erosion and Sediment Controls continued	<p>rains. 4/26-6/1/06.</p> <ul style="list-style-type: none"> - Another small spot along the silt fence on the access drive in the ROW needs repair as sediment washed over and built up here adjacent to the 2nd wetland crossing. 5/17-6/1/06 - Restoration efforts will be necessary along the disturbed slopes of the access road from Diamond Hill. 4/26-6/1/06 - Silt fence was also working within the ROW along the access road, keeping sediment and run-off from the wetland but this is piling increasingly higher. 5/4-6/1/06 	<p>also need to be cleaned up. 4/6-6/1/06</p> <ul style="list-style-type: none"> - Repair fence and pull back sediment as needed. 5/17-6/1/06 - AL contractors will likely need to perform restoration when work is complete here. 5/4-6/1/06 - Monitor silt fence here. It may be necessary soon to pull sediment back for more coverage 5/4-6/1/06 	<ul style="list-style-type: none"> - Needs attention. - Needs attention - N/A at this time.
	<ul style="list-style-type: none"> - Norwalk Junction: Haybales were restored as an additional control along the perimeter chain link fence. Perimeter silt fence remains in good shape along the river. 5/17-6/1/06. - The swale slopes remain in good shape and there is improved grass coverage. 6/1/06. - The wetland area outside the silt fence adjacent to the river was drying up but some sediment build up remains. 5/25/06-6/1/06 	<ul style="list-style-type: none"> - None at this time. Continue to monitor controls. 5/17-6/1/06. - None at this time. Continue to monitor. 6/1/06. - The silt is contained and does not reach the river. Wetland vegetation was also noted growing here. Consider removing silt build up at the stone outlet by hand. 6/1/06 	<ul style="list-style-type: none"> - N/A - N/A - Needs attention if feasible

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	-Dewatering to the swale was not occurring but haybales were placed at the culvert. 6/1/06	Continue to improve water quality to the swale as this area receives direct run-off. Install more controls as necessary in an attempt to filter out sediment. 6/1/06.	- Haybales were in place
Inland Wetland and Watercourse encroachment and mitigation	<p>- Hoyts Hill: The wetland remains well protected at this time. 4/6-6/1/06.</p> <p>-Archers Lane: Watch run-off velocity down the completed slopes and walls. Efforts are needed to remove deposited sediment from the 1st wetland crossing. 2/16-6/1/06.</p> <p>- Norwalk Junction: The outlet of the drainage swale is at the headwall of the wetland area. Water dried up leaving some silt behind. Wetland vegetation was growing 5/25-6/1/06</p>	<p>-Continue to monitor this area until slopes have stabilized completely. Vegetation is growing well 6/1/06.</p> <p>- Remove the sediment from the wetland where there are significant buildups. Several inches of sediment were noted. 2/16-6/1/06.</p> <p>- Reduce turbidity by controlling its source-disturbed surfaces and dewatering on site. The area does not seem affected but consider removing deeper sediment buildup at the outlet. 5/25-6/1/06.</p>	<p>- N/A.</p> <p>- Still needs attention</p> <p>-Needs attention when feasible</p>
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: The southern slope gully was repaired and restored but some erosion continues to return. 5/17-6/1/06.</p> <p>- Archers Lane: no additional clearing was noted here. 6/1/06.</p> <p>- Norwalk Junction: - Vegetative growth continued in the area between the silt fence and the river. 6/1/06.</p>	<p>- Continue to monitor both slopes for final stabilization. 5/17-6/1/06.</p> <p>-None at this time. 6/1/06.</p> <p>- Continue to monitor and restore perimeter surfaces. 6/1/06.</p>	<p>-N/A at this time</p> <p>-N/A.</p> <p>-N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Dewatering	-Dewatering was no longer noted here. Controls are still well in place. 4/6-6/1/06.	-None at this time. See erosion control section. 6/1/06.	-N/A
Hoyts Hill			
Archers Lane	- Dewatering was not directly observed but water was noted coming out of the pipe and across the road. Haybales remain installed across the swale. 5/25-6/1/06	- The silt fence appeared to be filtering the water well. None at this time. 5/25-6/1/06.	-N/A
Norwalk Junction	-Dewatering was not occurring directly to the swale at this time but haybales had been installed. 6/1/06.	-Maintain controls as needed whenever dewatering is occurring and prior to rain events. 5/25-6/1/06.	- Haybales were installed.
Blasting	- All blasting is complete at this time. 6/1/06	- None at this time.	-N/A
Soils	- Soil remains at the Archers Lane site from excavations but it is well contained. 6/1/06	- None at this time 6/1/06.	-N/A
	- A number of soil stockpiles remain at Norwalk Junction as excavation continues. Large stockpiles have silt fence installed at the base. 5/4-6/1/06.	- Stockpiles remain contained. See erosion control section. 6/1/06. -345kV contractors should place controls at their stockpiles near the entrance to Norwalk	-N/A
Spills and Material Storage	-The small spot noted last week was no longer present. 6/1/06	- This was 345kV contractor jurisdiction 6/1/06	- N/A to this section of the project
	- No other spills or leaks were noted. 6/1/06	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands.	-N/A at this time

Areas of Inspection	Observation	Recommended Action	Corrected Actions
		See proper storage for all materials.	
Additional Observations			

Next likely scheduled inspection:

Wednesday June 7, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for Don Ukers, Ann Schwenzer



Hoyts Hill Transition Station: Photo on the left shows a view of the station pad. Active work was not observed at the time. Photo on the right shows the northern slope with good grass growth. 6/1/06



Archers Lane: Photo on the left shows a spot along the silt fence in the overhead ROW past the second wetland crossing. Washouts from the road are overtopping the fence here. Photo on the right shows the view into the station from the ROW. 6/1/06.



Norwalk Junction: Photo on the left shows the swale with increasing grass growth. Photo on the right shows the non-project related berm along the perimeter fence. 6/1/06.



Photo shows where the swale enters the wetland area at the headwall. Some silt has settled out here but wetland plants are returning. If possible, sediment should be cleaned out of the rock at the outlet by hand. 6/1/06.